

ABSTRACT OF DISCLOSURE

An apparatus for compensating for dispersion include a wavelength-selective optical switching unit which receives at one input
5 thereof a WDM signal into which a plurality of wavelengths are multiplexed, and demultiplexes the WDM signal so as to output the demultiplexed wavelengths at desired output ports while switching routes of the demultiplexed
10 wavelengths leading to the output ports; a plurality of dispersion compensation units which are connected to the respective output ports, and have respective, different dispersion values; and a multiplexing unit which receives at a
15 plurality of input ports thereof the demultiplexed wavelengths output from the dispersion compensation units, and multiplex the demultiplexed wavelengths to generate a WDM signal.